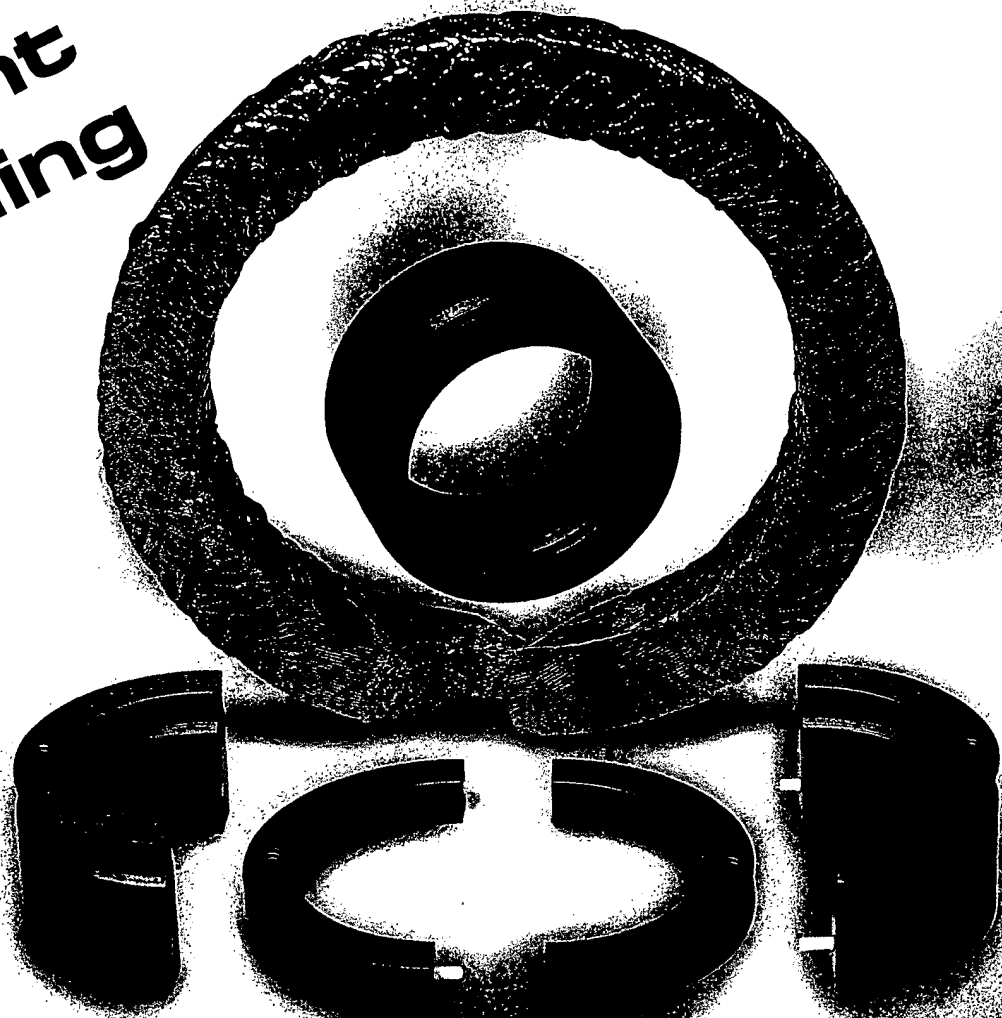


# Seal RYT Corporation Pack-RYT™

**Patent  
Pending**



## **MACHINED - IN CLOSE - CLEARANCE BEARING STABILIZES SHAFT**

- ◆ CAVITATION CAUSED DEFLECTION MINIMIZED
- ◆ MINIMAL CLEARANCE SHARPLY THROTTLES FLUIDS,  
ALLOWS LOW-FLOW FLUSH TO KEEP THEM OUT OF  
SHAFT AREA
- ◆ FLUSH - USE REDUCTION AVERAGES 2/3

## **AS FEW AS TWO SEALING RINGS NECESSARY**

- ◆ MINIMAL FRICTION
- ◆ LITTLE, IF ANY LEAKAGE
- ◆ ELIMINATES NEED TO CONSTANTLY ADJUST  
TOO HIGH - PERFORMANCE, ULTRA PURE HEAT  
CONDUCTIVE SEALING RINGS VIRTUALLY PULL THEM TOGETHER

## **HIGH PERFORMANCE THERMOPLASTIC BEARING BLOCK**

- ◆ VERY HIGH COMPRESSIVE STRENGTH
- ◆ IMPERVIOUS TO CHEMICALS
- ◆ VIRTUALLY NO DIMENSIONAL GROWTH UP TO  
500 DEGREES FAHRENHEIT
- ◆ SPLIT, PINNED, DRILLED, AND TAPPED FOR  
EASY INSTALLATION AND REMOVAL
- ◆ AVAILABLE AS SPLIT BEARING WITHOUT  
LANTERN RING GROOVE

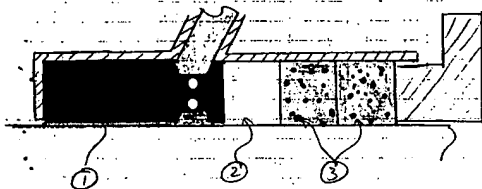
## **AUTOMATICALLY POSITIONS FLUSH CHANNEL BEARINGLY**

- ◆ LANTERN RING GROOVE - FLUSH - 0.001 IN. TYP.
- ◆ FLUSH - 0.001 IN. TYP.

## **SEAL RYT CORPORATION**

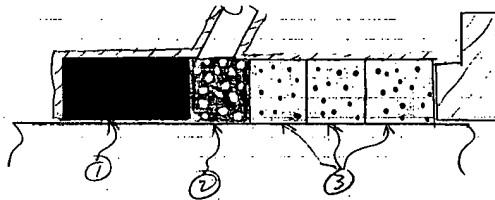
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## REDUCE FLUSH UP TO 90%!!



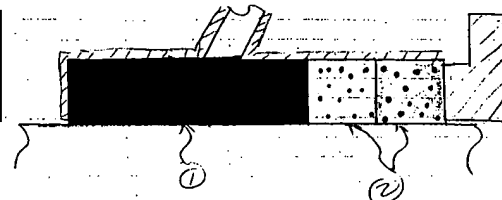
1. Pack-Ryt™ bearing/lantern ring minimizes run-out and deflection while throttling flush flow.
2. Marlo patented 50/52 blocks flush pressure on one side and heat-conductive sealant on the other.
3. Marlo style 396 ultra-pure reinforced exfoliant seals off remaining leakage with minimal friction.

## ELIMINATE FLUSH!!



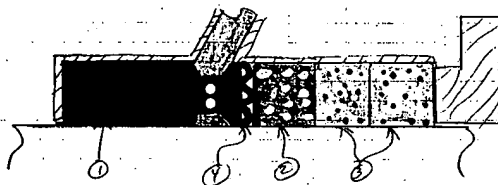
1. Pack-Ryt™ bearing minimizes run-out and deflection.
2. Marlo patented 472 blocks heat conductive sealant.
3. Marlo style 396 ultra-pure reinforced exfoliant seals with minimum friction, maximum heat conductivity.

## ELIMINATE FLUSH, EXTENDED CANTILEVER



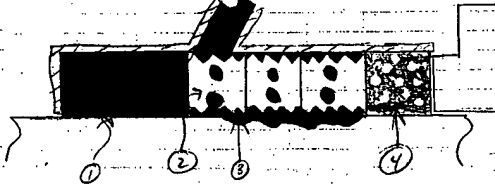
1. Pack-Ryt™ bearing minimizes run-out and deflection.
2. Marlo style 396 ultra-pure reinforced exfoliant seals with minimum friction, maximum heat conductivity.

## REDUCE FLUSH, INTERNAL SELF-ADJUSTING



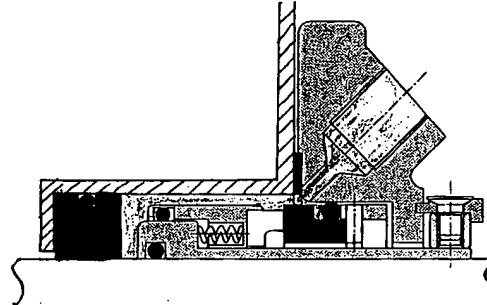
1. Pack-Ryt™ bearing/lantern ring minimizes run-out and deflection while throttling flush flow.
2. Marlo patented 472 blocks flush pressure on one side and compresses the heat-conductive sealant on the other.
3. Marlo style 396 ultra-pure reinforced exfoliant seals off remaining leakage with minimal friction.
4. Stainless steel wave spring, energized by the follower, internally adjusts softer sealants throughout its travel length.

## ELIMINATE FLUSH, SCORED SLEEVE



1. Pack-Ryt™ bearing minimizes run-out and deflection.
2. Gator-Cage™ skeleton keeps bearing and outer packing seated and provides structure for injectable.
3. Marlo injectable flows through the Gator-Cage™ to fill irregular surfaces.
4. Marlo patented 472 provides mechanical barrier for Marlo injectable.

## REDUCE FLUSH, MECHANICAL SEAL



1. Pack-Ryt™ bearing minimizes run-out and deflection which alleviates angular seal face separation.
2. Flush flow substantially reduced due to much closer shaft/bearing clearance than conventional throttle bushings provide.

Please fill in all data!!

Shaft/Sleeve  
Mic. Diameter \_\_\_\_\_"

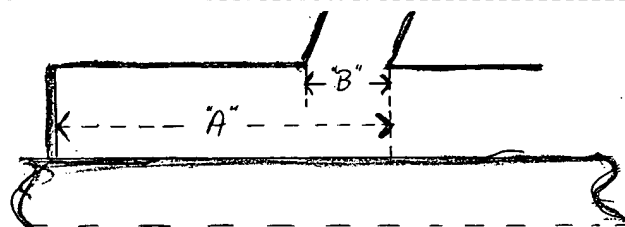
Bore Mic.  
Diameter \_\_\_\_\_"

Stuffing Box  
Depth \_\_\_\_\_"

RPM \_\_\_\_\_ % Solids \_\_\_\_\_

Media \_\_\_\_\_ Temperature \_\_\_\_\_°F

Media Pressure \_\_\_\_\_PSI



Stuffing Box Bottom to  
Outside Edge of Flush  
Hole (Dim. "A") \_\_\_\_\_"

Diameter of Flush  
Hole (Dim. "B") \_\_\_\_\_"

Equip. Mfr. \_\_\_\_\_

Model # \_\_\_\_\_